

Initial Notification

Regulation 1138 – Section 17

Emission Standards for Area Source Prepared Feeds Manufacturing Facilities

Submittal Date: The “Initial Notification” must be submitted as follows:

- For an existing affected source, the submittal must be no later than **October 11, 2012**
- For a new or reconstructed affected source, the submittal shall be no later than **October 11, 2012** or no later than 120 days after the affected source’s startup, whichever is later.
- For an unaffected source that later begins to use a material containing chromium or manganese (i.e. becomes an affected source), the submittal must be no later than 120 days after the source’s first use of a material containing chromium or manganese.

[1] **Name of the facility:** Chiclets Mill and Feed Company

[2] **Physical location – Street Address:** 123 Michael Road
City, State, Zip Code : New Castle, DE 19720

Address where any compliance records are kept, if different than the physical location

Street Address: ---

City, State, Zip Code: ---

[3] **Name of Owner or Operator:** H. David Sanders
Mailing Address: 123 Michael Road
City, State, Zip Code: New Castle, DE 19720

[4] **Is the prepared feeds manufacturing facility subject to Section 17 of Regulation 1138?**

Place “X” in the appropriate box

Yes ☒ No ☐

[5] **Describe the affected sources located at the prepared feeds manufacturing facility.**

Place “X” in the appropriate boxes

☒ Existing affected sources ☐ Commenced using a material containing chromium or manganese for the first time after **October 11, 2012**
☐ New or reconstructed affected sources

[6] **Is the facility a major source of HAPs or an area source of HAPS?**

Place “X” in the appropriate box

Major source ☐ Area source ☒

[7] **Identify the types of hazardous air pollutants (HAPs) emitted by the facility.**

Place “X” in the appropriate boxes

☐ Chromium compounds ☒ Manganese compounds

!!!! **Note: Complete items [8] & [9] on the opposite side (page 2 of 2)**

[10] **I certify that all the statements and information contained in this notification are true, accurate, and complete.**

Signature: H. David Sanders

Date : October 4, 2012

Title/Position: Plant Manager

Telephone No: 302.555.9984

Email Address: HDSANDERS@CHICLETS.COM

Printed Name: H. David Sanders

[11] **The owner or operator must submit this “Initial Notification” form to the following agencies by the submittal date provided above. Remember to keep a copy of this notification.**

Delaware Department of Natural Resources
 and Environmental Control
 Director of Air Quality
 Blue Hen Corporate Mall
 655 S. Bay Road, Suite 5N
 Dover, DE 19901

U. S. Environmental Protection Agency
 Director, Air Protection Division
 1650 Arch Street
 Philadelphia, PA 19103

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Name of the facility:

- [8] **Provide a brief description of the prepared feeds manufacturing facility. The description must include nature, size, design, and method of operation of the source.**

Mill Product

The feed mill manufactures prepared chicken feeds.

Design Capacity

The feed mill design capacity is 200 tons per day based on two - 8 hours shifts per day operation.

Method of operation

1. Major dry raw materials (corn, bran, and soybean) are received in bulk deliveries and transferred to silo by pneumatic conveyors.
2. Major wet raw materials (molasses and vegetable oil) are received in bulk deliveries and pumped to storage tanks.
3. Dry raw materials (corn, bran, and soybean) are pneumatically transferred to weigh tanks and fed by gravity to hammer mills.
4. The ground dry raw materials and other ingredients such as molasses, vegetable oil, and vitamins and mineral nutrients are fed to a series of paddle mixers.
5. The mixed feed ingredients are fed by gravity to the pelleting and pellet cooling operations.
6. The finished feed pellets are conveyed to live bottom storage tanks by a series of belt feeders.
7. The finished feed pellets can be transferred to bulk cargo trucks, bulk rail cars or enclosed tote-bin filling stations via pneumatic conveyors.

- [9] **Identify the types of emission points within the prepared feeds manufacturing facility that are subject to Section 17.**

1. Outlet stacks from the bag houses associated with pneumatic raw material transfers and for fugitive emissions associated with the hammer mills operations.
2. Outlet stacks from the cyclones on the pelleting/cooling operations.
3. Outlet stacks from the tote-bin filling operations.
4. Fugitive emissions from the following:
 - Mixing operations
 - Pelleting operations
 - Loading of bulk cargo truck and bulk rail cars